

ORIENTAL MOTOR Co.,Ltd.

Stepping Motor α STEP

AZ Series AC Power Input Driver

MECHATROLINK-III Compatible

Features

- MECHATROLINK-III的可接步器。
- 基于步机的机，施高效控制，集“开控制”和“控制”的点于一身。
- 在机中配了无池多旋型感器。具有无需池、无需原点复位、无需外部感器等多点。
- 除了机位置、速度、等基本信息外，可温和作量等。可用于的状知保全等。



αSTEP AZ Series

Specifications

Item		Specifications
MECHATROLINK communications	Protocol	MECHATROLINK-III
	Baud Rate	100Mbps
	Transmission cycle	0.5ms to 4.0ms (increments of 0.5ms)
	Communication cycle	0.5ms to 32ms (increments of 0.5ms)
	Node address	03h to EFh (initial value: 03h)
Command method (Operation function)		Interpolation feed (INTERPOLATE), Positioning (POSING), Constant-speed feed (FEED), Positioning at Constant-speed by external input (EX_FEED), Positioning by external input (EX_POSING), Return-to-home (ZRET)
Monitor		Command position, Command speed, Feedback position, Feedback speed, Alarm code, Status of driver
I/O signals	Input signal	Input: 4 points (Signal allocation can be changed) Forward drive prohibition Input (FW-BLK), Reverse drive prohibition Input(RV-BLK), Homing deceleration switch Input (DEC), Latch Input1 (EXT1)
	Output signal	Output: 3 points (Signal allocation can be changed) Alarm Output (ALM-B), Driver ready completed Output (READY), Motor operating Output (MOVE)
Power supply	Main power supply	Single-phase 100-120V -15 to +6% (50/60Hz) : 2.7~6.4A Single-phase 200-240V -15 to +6% (50/60Hz) : 1.6~3.9A Three-phase 200-240V -15 to +6% (50/60Hz) : 1.0~2.3A
	Control power supply	DC24V±5% Power supply current capacity : 0.25A (0.5A for motor with electromagnetic brake.)
Operating ambient temperature and humidity		Ambient temperature : 0 to+55°C (+32 to +131°F) (non-freezing) Humidity : 85% or less (non-condensing)

MECHATROLINK specifications

	M-III
Profile	Standard Stepping Motor Drivers
	Standard servo
Data size	32byte, 48byte
Transmission cycle	0.5ms to 4ms (increments of 0.5ms)

Contact Information

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